

Applc. No. 10/075,670
Amdt. dated May 31, 2007
Reply to Office action of April 9, 2007

RECEIVED
CENTRAL FAX CENTER
MAY 31 2007

Claim Amendments

This listing of the claims will replace all prior versions, and listings, of claims in the application:

Claim 1 (currently amended): A raster generation system for a printing machine with an image-setting unit, comprising:

at least one raster processor for generating raster data from raw image data; and

a memory for storing the raster data while the raster data are being generated by the raster processor, said memory formed by a raster memory with random access, said raster memory and said raster processor being arranged on one common board;

said raster processor storing the raster data column by column in said raster memory while the raster data are being generated.

Claim 2 (original): The raster generation system according to claim 1, comprising a first plug-in interface board, said raster memory and said raster processor disposed on said first plug-in interface board.

Applic. No. 10/075,670
Amdt. dated May 31, 2007
Reply to Office action of April 9, 2007

Claim 3 (original): The raster generation system according to claim 2, comprising:

an image-setting unit; and

a DMA controller for controlling a transfer of the raster data from said raster memory to said image-setting unit.

Claim 4 (original): The raster generation system according to claim 1, comprising:

an image-setting unit; and

a DMA controller for controlling a transfer of the raster data from said raster memory to said image-setting unit.

Claim 5 (original): The raster generation system according to claim 4, comprising:

a buffer memory;

said DMA controller providing an output;

Applic. No. 10/075,670
Amdt. dated May 31, 2007
Reply to Office action of April 9, 2007

said buffer memory buffering said output of said DMA controller.

Claim 6 (original): The raster generation system according to claim 4, comprising a second plug-in interface board, said DMA controller and said buffer memory disposed on said second plug-in interface board.

Claim 7 (currently amended): A method of processing raster data for an image-setting unit of a printing machine, which comprises:

generating raster data line by line from raw image data;

storing the raster data column by column in a raster memory with random access while being generated by a raster processor, the raster memory and the raster processor being arranged on one common board; and

reading out the raster data column by column into an image-setting unit.

Claim 8 (original): The method according to claim 7, which comprises:

Applc. No. 10/075,670
Amdt. dated May 31, 2007
Reply to Office action of April 9, 2007

using a DMA controller to control the step of reading out the raster data; and

buffering the raster data that has been read out in a buffer memory.

Claim 9 (previously presented): The raster generation system according to claim 1, wherein the raster data are generated line by line from the raw image data